

MKULTRA

Subproject 10

Description	Date	Obligations	Expenditures	Balance
Subproject 10	June 1953	3300000		3300000
" 11	May 1954	1074400		4274400
Invoice #1	June 1954		1370000	5904400
" 12	Oct 1954		51800	5852600
			5849600	

FUNDS RECEIVED FROM

9/1/52 to 8/31/53

Total Receipts:

\$40,040.00

Total Disbursements:

Salaries	\$21,885.52	
Equipment and Office		
Supplies	6,169.62	
Other (Miscellaneous -		
travel, meals, postage,		
etc.)	621.01	
Returned to	11,363.85	40,040.00

9/1/53 to 8/31/54,

Total Receipts:

\$39,500.00

Total Disbursements:

Salaries	33,475.40	
Equipment and Office		
Supplies	4,458.17	
Other (Miscellaneous -		
travel, meals, postage,		
etc.)	944.99	
Returned to	621.44	39,500.00

B

continued

9/1/54 to 8/31/55

Total Receipts:

\$41,100.00

Total Disbursements:

Salaries	\$35,121.97	
Equipment and Office		
Supplies	4,267.36	
Other (Miscellaneous -		
travel, meals, postage,		
etc.)	380.21	
Returned to	1,330.46	41,100.00

B

9/1/55 to 9/14/56

Total Receipts:

26,500.00

Total Disbursements:

Salaries	22,919.01	
Equipment and Office		
Supplies	2,440.04	
Other (Miscellaneous -		
travel, meals, postage,		
etc.)	532.04	
Returned to	608.91	26,500.00

B

9/15/56 to 1/22/57

Total Receipts:

1,375.00

Total Disbursements:

Salaries	751.25	
Funds transferred to		
	623.75	1,375.00

B

B

Summary of all funds received from [REDACTED]
September 1, 1952 to January 22, 1957

Total Receipts:

\$148,515.00

Total Disbursements:

Salaries	\$114,153.15	
Equipment and Office		
Supplies	17,335.19	
Other (Miscellaneous		
travel, meals, postage,		
etc.)	2,478.25	
Unexpended balances returned		
to [REDACTED] B	13,924.66	
Balance of funds transferred		
to [REDACTED] B	623.75	148,515.00

Respectfully submitted,

[REDACTED SIGNATURE]

I have examined and approved the submitted
expenditures.

SIDNEY GOTTLIEB
Chief

RSS/Chemical Division

Date: MAY 01 1957

9/1/52 to 8/31/53

Total Receipts:

\$ 40,040.00

Total Disbursements:

Salaries \$ 21,885.52
Equipment 6,169.62
Other (Miscellaneous-
travel, stationery,
etc.) 621.01
Returned to 11,363.85

40,040.00

9/1/53 to 8/31/54

Total Receipts:

\$ 39,500.00

Total Disbursements:

Salaries 33,475.40
Equipment 4,458.17
Other 944.99
Returned to 621.44 ✓

39,500.00

Page 2

9/1/54 to 8/31/55

Total Receipts:

\$ 41,100.00

Total Disbursements:

Salaries	\$35,121.97	
Equipment	4,267.36	
Other	380.21	
Returned to	1,330.46	41,100.00

9/1/55 to 9/14/56

Total Receipts:

\$ 26,500.00

Total Disbursements:

Salaries	\$22,919.01	
Equipment	2,440.04	
Other	532.04	
Returned to	608.91	26,500.00

Respectfully submitted,

September 14, 1956

COPY

B

FILE

500,10

e
B

B

9/1/52 to 8/31/53

Total Receipts:

\$40,040.00

Total Disbursements:

Salaries	\$ 21,885.52	
Equipment	6,169.62	
Other (Miscellaneous- travel, stationery, etc.)	621.01	
Returned to ██████████	<u>11,363.85</u>	<u>40,040.00</u>

B

9/1/53 to 8/31/54

Total Receipts:

\$ 39,500.00

Total Disbursements:

Salaries	33,475.40	
Equipment	4,458.17	
Other	944.99	
Returned to ██████████	<u>621.46</u>	<u>\$ 39,500.00</u>

B

C O P Y

Page 2

9/1/54 to 8/31/55

Total Receipts:

\$ 41,100.00

Total Disbursements:

Salaries	\$ 35,121.97	
Equipment	4,267.36	
Other	380.21	
Returned to [REDACTED]	<u>1,330.46</u>	41,100.00

9/1/55 to 9/14/56

Total Receipts:

26,500.00

Total Disbursements:

Salaries	22,919.01	
Equipment	2,440.04	
Other	532.04	
Returned to [REDACTED]	<u>608.91</u>	26,500.00

Respectfully submitted

September 14, 1956

105
RECEIPT

I hereby acknowledge receipt of the following two checks drawn on
[REDACTED] dated
September 13, 1956, payable to [REDACTED] B

Cashier's Check No. M22314 in the amount of \$5,500.00
Cashier's Check No. M22315 in the amount of \$220.00

[REDACTED] (1)
Date: 20 Sept. 56

452

17-2502-16-101

ADDITIONAL INFORMATION

108

[illegible]

29 August 1956

02 AUG 1956

MEMORANDUM FOR: CONTROLLER TLIC
ATTENTION : Finance Division
SUBJECT : MULTSA Subproject 103

Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the DC/A and the extension of this authority in subsequent memoranda, Subproject 103 was previously approved. Under the same authority an additional sum of \$5,720.00 has been authorized to cover the subproject's expenses to be charged to Allotment 7-2502-10-001.

SIDNEY COOTLER
Chief
TSS/Chemical Division

APPROVED FOR
OBLIGATION OF FUNDS:

Original signed by

A

Research Director
31.1959

Date:

Distribution:
Orig & 2 - Addressee

- 1 - TSS/CC
- 1 - TSS/FASB
- 1 - TSS/SRB
- 2 - TSS/CD

TSS/CD/

A

I CERTIFY THAT FUNDS ARE AVAILABLE

458
OBLIGATION AUTHORITY
CHARGE TO ALL-UNIT 7-2502-10-001

AUTHORIZING OFFICER

10 September 1956

MEMORANDUM FOR: Chief, Finance Division

VIA : TSS/Budget Officer

SUBJECT : MEXULTRA Subproject 103, Invoice 5,
Allotment 7-2502-10-001

1. Invoice 5 for the above subproject is attached. Payment should be made as follows:

Two cashier's checks: one for \$5,500.00 and the second for \$230.00, both drawn on a local bank and payable to [REDACTED] B

2. The above checks should be forwarded to Chief, TSS/Chemical Division, through TSS/Budget Officer, no later than 17 September 1956.

3. This is a final invoice. However, since it is anticipated that additional FY 57 funds will be obligated for this project, the files should not be closed.

GURNEY GOTTIER
Chief, TSS/Chemical Division

Attachments
Invoice & Certifications

Distribution:

Orig & 2 - Addressee v/att.

1 - Comptroller

1 - TSS/FASB

2 - TSS/CD

I CERTIFY THAT FUNDS ARE AVAILABLE.

CERTIFICATION NUMBER NO. 455

OFFICE OF MANAGEMENT NO. 7-2502-10-001

MANAGING OFFICER

TSS/CD/ [REDACTED] (10 Sept 1956)

CHECK # 22314 IN THE AMOUNT OF \$5,500.00

RECEIVED 11/1/56

CHECK # 22314 IN THE AMOUNT OF \$5,500.00
RECEIVED 11/1/56

INVOICE

For services

\$5,720.00

CERTIFICATIONS

(1) It is hereby certified that this is Invoice No. 5 applying to MOUTRA Subproject 10, that performance is satisfactory, that the services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSS/Chemical Division

Date:

(2) It is hereby certified that this invoice applies to MOUTRA Subproject 10, which was duly approved, and that the project is being carried out in accordance with the memorandum dated 13 April 1953, from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Date:



DRAFT/ [REDACTED] A
29 August 1956

MEMORANDUM FOR THE RECORD

SUBJECT: MAULTRA, Subproject 10B

1. The purpose for the initiation of Subproject 10B is to continue the research program of [REDACTED] for an additional year, starting 15 September 1956. The sponsor expects [REDACTED] to complete his research effort sponsored through [REDACTED] no later than 14 September 1957. It is understood that [REDACTED] at the sponsor's direction, will withdraw its support no later than 15 September 1957. CUB

2. The scope of the proposed program will entail a critical analysis of all subject data with the goal of being better able to define the differences in certain effects of LSD. For a more detailed description see attached proposal.

3. The cost of this program is estimated to be \$5500 for a period of one year. To this must be added a 4% service charge to [REDACTED]. Therefore the total cost will not exceed \$5720.00. B
Charges should be made against Allotment 7-2502-10-001.

4. Upon conclusion of the program the principal investigator will submit an informal statement of expenditures of monies advanced for research activities. It has been requested that the statement be submitted in essentially the following form:

- (a) Personal Compensation (Salaries)(Subject Fees)
 - (b) Equipment
 - (c) Supplies and Services
 - (d) Travel
 - (e) Overhead
 - (f) Contingencies
- B B

Also, [REDACTED] has requested [REDACTED] to submit to them a summary accounting of monies received from [REDACTED] B
B They requested the return of any unexpended funds received under a grant from [REDACTED] B

5. Title to any permanent equipment purchased by funds granted the Hospital will be retained by the Hospital in lieu of higher overhead rates.
[REDACTED] [REDACTED]

6. It was mutually agreed that documentation and accounting for travel expenses which are reimbursable by the Hospital will conform with the accepted practices of that institution.

7. It was also agreed that technical reports reflecting the progress of the research program will be submitted at mutually acceptable intervals.

C 8. [REDACTED] is cleared through TOP SECRET and is aware of the true nature of the project. *[Signature]*

A
[REDACTED]
TSS/Chemical Division

APPROVED:

[Signature]
Chief, TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

[REDACTED] *A*
Research Director

Date:

Attachment:
Proposal

Distribution:
Original Only

[REDACTED] *A*

[REDACTED] [REDACTED]

PROSPECTUS


Conclusion of LSD Study:

In the past four years of research with LSD-25 we have developed reliable methods of (a) analyzing social situations and interactions; (b) describing personality in terms of social adjustment, and (c) relating social situations and social personality types to the specific effects of LSD. Through this methodology it has been possible to identify some important determinants of drug effects which have not been previously considered in studies of LSD-25.

While we have made considerable progress in systematically studying these determinants, a certain amount of data analysis still remains to be completed before the determinants of the LSD-25 effect on individual cases can be reliably stated.

Therefore, the primary objective of this final phase of the project is to complete the analysis of data on all our subjects in order to define the extent that differences in certain effects can be accounted for by the above-mentioned determinants.

A second objective is to complete reports on some peripheral studies conducted with Serpasil and certain other psychochemicals.



A third objective is to reduce and summarize the many progress reports submitted during the course of the project into a final report.

Budget:

Personal compensation (salaries) 4,500



Equipment

Supplies and services 500

Contingencies, travel 500

TOTAL \$5,500.00

C



14-000

RECEIPT

I hereby acknowledge receipt of the following two checks, both payable to [REDACTED]

Cashier's check #46603, drawn on the [REDACTED]
[REDACTED] in the amount of \$780.00;

Cashier's check #UM15485, drawn on the [REDACTED]
[REDACTED] in the amount of \$19,500.00.

[REDACTED] C

Date: 23 mch 56

1 March 1956

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : NEULTRA Subproject 10, Invoice 2
Allotment 6-2502-10-001

1. Invoice 2 for the above subproject is attached.
Payment should be made as follows:

Two cashier's checks, one for \$19,500.00, drawn on a [redacted] bank, and the second in the amount of \$750.00, drawn on a [redacted] bank; both checks payable to [redacted]

2. The above checks should be forwarded to Chief, TSS/Chemical Division, through TSS/Budget Officer, no later than 13 March 1956.

3. This is a final invoice. A total of \$27,560.00 was obligated under this subproject during FY 56. However, since it is anticipated that additional FY 56 funds will be obligated for this project, this file should not be closed. AMOUNT OF \$27,560.00

CHECK #154751
RECEIVED: 22 MAR 1956

CHECK #154751 THE AMOUNT OF \$19,500.00
RECEIVED: 22 MAR 1956

Acting Chief
TSS/Chemical Division

Attachments:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee
1 - Comptroller

I CERTIFY THAT FUNDS ARE AVAILABLE.

OBLIGATION EXTENDED IN: 1554

CHARGE TO ALLOTMENT NO. 6-2502-10-001

AUTHORIZING OFFICER

TSS/CD/ (1 Mar 56)

CERTIFIED FOR PAYMENT OR CREDIT

ENCLOSURE

586722

INVOICE

For services

\$20,280.00

[REDACTED]

B

CERTIFICATIONS

(1) It is hereby certified that this is Invoice # applying to MKULTRA Subproject 10, that performance is satisfactory, that the services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

Acting Chief, TSS/Chemical Division

Date:

(2) It is hereby certified that this invoice applies to MKULTRA Subproject 10, which was duly approved, and that the project is being carried out in accordance with the memorandum dated 13 April 1953, from the LCT to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Date:

[REDACTED]

9 February 1956

MEMORANDUM FOR: CONTROLLER

ATTENTION : Finance Division

SUBJECT : ISULTA Subproject 10, Additional
Authorization No. 4

Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the DD/A and the extension of this authority in subsequent memoranda, Subproject 10 was previously approved. Under the same authority an additional sum of \$5,730.00 has been authorized to cover the subproject's expenses (thereby bringing to a total of \$27,500.00 funds obligated during FY 56) to be charged to Allotment 6-2502-10-001.

SIMNEY COUTLER

Chief

TSS/Chemical Division

APPROVED FOR
OBLIGATION OF FUNDS:

I CERTIFY THAT FUNDS ARE AVAILABLE

ORIGINATION REFERENCE NO. 1504

CHARGE TO ALLOTMENT 6-2502-10-001

AUTHORIZING OFFICER

Research Director

Date:

Distribution:

Orig & 2 - Addressee

- 1 - TSS/OC
- 1 - TSS/FASB
- 1 - TSS/SIB
- 2 - TSS/CD

001

TSS/CD

LEG 12 5 55 PM 1956

VIA AIR MAIL

DRAFT/ [REDACTED] A
9 February 1956

MEMORANDUM FOR: THE RECORD

SUBJECT : Additional Funds for MKULTRA Subproject 10

1. [REDACTED] C located at the [REDACTED] B
[REDACTED] was requested by TSS/CD to enlarge the scope of his
current research program. This request was made by the Chemical
Division to enable [REDACTED] to pursue areas of research of
interest to TSS/CD. C C

2. The areas of research that [REDACTED] will investigate
will cover the evaluation of certain known techniques for predicting
the type and magnitude of the effects of drugs, particularly LSD
and alcohol. In addition to the above, there will be an increased
effort to exploit certain techniques developed by [REDACTED] group. C
in the course of their LSD studies for predicting LSD effects, and
adapt these techniques to alcohol studies.

3. The cost of this program for a period of one year will
be \$5,500.00. To this must be added a four percent service charge
of \$220.00 to [REDACTED] for its services. Charges
should be made against allotment 6-2502-10-001. B

4. The same Memorandum of Agreement applies to this extension
as was agreed upon in the original project. However, this addi-
tional money will not be accounted for separately, but will be ac-
counted for in the overall project accounting.

C 5. [REDACTED] is cleared through TOP SECRET, and is aware of
the true nature of the program.

[REDACTED] A
TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

APPROVED:

[REDACTED] A
[REDACTED] Chief, TSS/Chemical Division
Research Director

Date 9 Feb 1956

PROSPECTUS

In the past three years of research with the drug LSD-25, we have developed reliable methods of analyzing social situations and interactions. Our progress in assessing personality types is useful in diagnosis and prediction. These methods are based on a multi-discipline assessment of personality in dynamic social adjustment under normal circumstances and under stress, i.e., drug effect, irrespective of the attributes of any specific drug.

The briefest phrase to characterize our main area of study is "social personality". A laboratory of experimental social psychiatry has been established in such a way that various types of personality and many situations may be subjected to critical study. For example, its methods can be applied to any specific problem such as the effects of LSD or other drugs like alcohol, on the improvement of interpersonal relations.


A There are two important steps to be taken: (1) Completing the work in progress of personality types so we can define more clearly our social personality types and relate them to (a) the more standard, objective tests such as the Wechsler-Bellevue on which ~~the~~ theory of types is based, and (b) the conventional clinical projective tests such as the Rorschach and Thematic Apperception Tests; (2) Trying out the utility of these tests and special interview and questionnaire methods developed in the course of our studies for predicting specifiable change in social behavior following the ingestion of various drugs, particularly LSD and alcohol.

~~_____~~ C

~~_____~~

PROPOSED BUDGET

Social scientist - from 1/4 to 3/4 time @ \$4000.00	2000.00
Additional psychologist - 1/2 time @ \$6000.00	3000.00
Additional subjects	500.00
Total	\$5500.00



Schedule No. XVIReceipts and Disbursements

September 21, 1954 to August 8, 1955

Balance September 21, 1954

\$12,238 39

Receipts

Refund of Salary Check

\$30,825 00

95 40

30,920 40

\$43,158 79Disbursements

Salaries

\$26,004 00

Equipment and Supplies

3,383 15

Fees

2,714 50

Medical Research

621 44

Miscellaneous

188 40

Travel

99 52

Balance August 8, 1955

\$33,011 01

10,147 78*\$43,158 79

* Cash in Office

\$ 36 32

Cash in Bank:

10,111 46

\$10,147 78

RECEIPT

I hereby acknowledge receipt of the following checks:

Treasurers Check #53740, [REDACTED] ✓ E
in the amount of \$230.00 payable to [REDACTED] ✓ B

Official Check, # [REDACTED] #M207912, ✓ E
in the amount of \$7,000.00, payable to [REDACTED] ✓ B

Cashiers Check, the [REDACTED] ✓ E
#UML4030, in the amount of \$100,000.00, payable
to [REDACTED] ✓ B

[REDACTED] C
Date: 9/30/53

RECEIPT

I hereby acknowledge receipt of Treasurer's Check #53740 drawn

E on the [REDACTED], dated 8 September

1955, in the amount of \$230.00, payable to [REDACTED] B

B

[REDACTED]

C

Date: Sept 16, 1955

RECEIPT

I hereby acknowledge receipt of Official Check #207912 drawn

on the [REDACTED] dated 9 September *E*

1955, in the amount of \$7,000.00, payable to [REDACTED] *B*

B

C

Date: *September 16, 1955*

31 August 1955

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : MKULTRA Subproject 103, Invoice #1
Allotment 6-2502-10-001

1. Invoice #1 for the above subproject is attached. Other invoices will follow later. It is requested that payment be made as follows:

Two (2) cashier's checks drawn on a [redacted] bank, payable to [redacted] one check in the amount of \$7,000.00 and the second for \$230.00.

2. Both checks should be forwarded to Chief, TSS/CD, through TSS/Budget Officer no later than 13 September 1955.

I CERTIFY THAT FUNDS ARE AVAILABLE

ORDINATION REFERENCE NO. 270

CHARGE IN ALLIANCE NO. 6-2502-10-001

DATE OF CERTIFICATION

SIDNEY GOTTLIEB
Chief, TSS/Chemical Division

Attachment:
Invoice & Certifications

Distributions:
Orig & 2 - Addressee
1 - Comptroller

DR 6001-886-2502-10-001-17.9-87,280.00
CR CASH 7,280.00

CERTIFIED FOR PAYMENT OR CREDIT

TSS/CD - (31 August 1955)

AUTHORIZED CERTIFYING OFFICER

CHECK # 67210 IN THE AMOUNT OF \$280.00 RECEIVED 13 SEP 1955
CHECK # 67210 IN THE AMOUNT OF \$280.00 RECEIVED 13 SEP 1955

INVOICE #1

For services \$7,280.00

CERTIFICATIONS

(1) It is hereby certified that this is Invoice # applying to MKULRA Subproject 1QA, that performance is satisfactory, that the services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

SIDNEY GOTTLIEB, Chief, TSS/CD

Date:

(2) It is hereby certified that this invoice applies to MKULRA Subproject 1QA, which was duly approved, and that the project is being carried out in accordance with the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

A
Research Director

Date:

SECRET

12 August 1955

MEMORANDUM FOR: CONTROLLER

ATTENTION : Finance Division

SUBJECT : MULTA, Subproject 10X, Additional
Authorization No. 3

Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the CS/A and the extension of this authority in subsequent memoranda, Subproject 10X was previously approved. Under the same authority an additional sum of \$21,340.00 has been authorized to cover the subproject's expenses (thereby bringing to a total of \$21,340.00 funds obligated during FY 55) to be charged to Allotment 6-2502-10-001.

I CERTIFY THAT FUNDS ARE AVAILABLE:

OBIGATION REFERENCE NO. 270

CHARGE TO ALLOTMENT NO. 6-2502-10-001

AUTHORIZING OFFICER

SIDNEY GOTTLIEN

Chief

TSS/Chemical Division

APPROVED FOR
OBLIGATION OF FUNDS:

Approved by

[Signature]
Research Director

Date: 18 AUG 1955

Distribution:

Orig & 2 - Addressee

1 - TSS/OC

1 - TSS/FASB

1 - TSS/SRB

2 - TSS/CD

[Signature]

DRAFT/ [REDACTED] A
12 August 1955

MEMORANDUM FOR: THE RECORD

SUBJECT : MKULTRA, Subproject 10A

B 1. Subproject 10A is being initiated as a means to continue the present research program in the general field of LSD at the [REDACTED] from 15 September 1955 through 14 September 1956.

C 2. This project will include a continuation of a study of the biochemical, neurophysiological, sociological, and clinical psychiatric aspects of LSD, and also a study of LSD antagonists and drugs related to LSD, such as LAE. A detailed proposal is attached. The principal investigators will continue to be [REDACTED] and [REDACTED].
B all of [REDACTED]

B 3. The cost of this program for one year will be \$21,000. To this must be added a 4% service charge to [REDACTED] B for its services. The total cost, therefore, will not exceed \$21,840. Charges should be made against Allotment 6-2502-10-001.

4. The principal investigator will submit to the sponsor, at six month intervals, an informal statement of expenditures of monies advanced for research activities. It has been requested that the statement be submitted in essentially the following form:

- (a) Personal Compensation (Salaries)(Subject Fees)
- (b) Equipment
- (c) Supplies and Services
- (d) Travel
- (e) Overhead
- (f) Contingencies

B Also, [REDACTED] has requested [REDACTED] B to submit to them a summary accounting of monies received from the [REDACTED]. They requested the return of any un- B expended funds received under a grant from the [REDACTED] B

CONFIDENTIAL

Approved: [REDACTED]
Authorized: [REDACTED]
Date: [REDACTED]

5. Title to any permanent equipment purchased by funds granted the Hospital will be retained by the Hospital in lieu of higher overhead rates.

6. It was mutually agreed that documentation and accounting for travel expenses which are reimbursable by the ~~Aspirant~~ will conform with the accepted practices of that institution.

7. It was also agreed that technical reports reflecting the progress of the research program will be submitted at mutually acceptable intervals.

8. [REDACTED] is cleared through TOP SECRET and is aware of the true nature of the project.

TSS/Chemical Division

APPROVED:

Chief, TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS: _____

Research Director

Date: Aug. 17-1955.

Attachment:
Proposal

Distribution: Original Only

date

PROSPECTUS

In the past three years of research with the drug L. S. D. -25, we have developed reliable methods of analyzing social situations and interactions. Our progress in assessing personality types is useful in diagnosis and prediction. These methods are based on a multi-discipline assessment of personality in dynamic social adjustment under normal circumstances and under stress, i.e., drug effect, *receptive of the attributes of any specific drug.*

The briefest phrase to characterize our main area of study is "social personality". A laboratory of experimental social psychiatry has been established in such a way that various types of personality and many situations may be subjected to critical study. For example, its methods can be applied to any specific problem such as the effects of L. S. D. or other *alcohol* drugs like Serpasil, or the improvement of interpersonal relations.

There are two important steps to be taken: (1) Completing the work in progress of personality types so we can define more clearly our social personality types and relate them to (a) the more standard, objective tests such as the Wechsler-Bellevue on which *[redacted]* theory of types is based, *A* and (b) the conventional clinical projective tests such as the Rorschach and Thematic Apperception Tests; (2) *a* comprehensive-review-of-every-aspect-of-our-experimental-method. The second step involves several minor projects such as completing analysis of the *[redacted]* and *H* making more explicit our conceptions of subject-experimenter relationships.

Method and Organization

We are considering three specific areas of personality, each of which is currently being explored with different methods.

WARNING NOTICE
SENSITIVE INTELLIGENCE

A. Social Personality Assessment

In the evaluation of the social personality types, we have examined personality along simple social dimensions by easily applied interview and observational methods to determine how a particular type functions under stresses induced by social-situational changes or drugs.

The social dimensions we used here focused primarily on the subject's interpersonal relationship: (a) a person's feelings about other people; (b) how does he communicate to other people; (c) how does he react to stress situations which involve his relationships to other people; (d) how aware is he of how he is behaving when he is with other people. From these dimensions we derived thirty-six personality attributes.

Through one method of analysis, using a theoretical point of view of the above method of evaluation, six personality types have been determined. The relationships established between these types and their reaction to L. S. D. have been reported in our 1953-1954 Annual Report. Persons who over-value acceptance or rejection of others tend toward a turmoil type of L. S. D. reaction. Persons who are socially introverted are most likely to have a schizophrenic type of reaction. On the other hand we were unable to predict the psychiatric syndrome or its severity in the elated or interactive type. It is clearly indicated that further careful study is required to determine more reliable criteria for prediction and diagnosis.

Some subjects maintained enough of their pre-L. S. D. traits to remain characteristically of the same personality type under L. S. D. Others, however, showed under L. S. D. traits opposite their pre-L. S. D. characteristics.

[Handwritten signature]
UNIVERSITY OF CALIFORNIA

A more thorough investigation of these two trends is needed which will clarify the significant dynamics of personality reaction to stress.

To help resolve the above areas of difficulty, a factor analysis has been done on the thirty-six attributes. Two very reliable, relatively pure factors have been determined: Factor I is the dimension of introversion-extroversion; while Factor II ranges from dominant-extrapunitive to submissive-intrapunitive dimensions. The determination of these factors open up considerable opportunity to correlate this method of assessment with other more standardized tests such as the Wechsler-Bellevue and other projective tests such as the Rorschach.

Another method used in the study of the assessment of the social personality is the questionnaire. The Direction-Control Questionnaire is filled out by the subject himself before he takes L. S. D.

On the basis of interview data of the first forty-three subjects, we found that specific changes in social direction took place from pre to during L. S. D., e.g., a decrease in moving with, an increase in moving away, toward and against other people. From the interview data we constructed a questionnaire of two hundred and eleven items to determine a person's behavior in these areas. As a result of an item reliability analysis, on a sample of two hundred and twenty college students, we have reduced the number to forty-three highly discriminating items.

The dimensions measured by this questionnaire are: (2) the five directions a person moves in his interpersonal relationships, i.e., with, toward, out, away and against other people, and (b) the type of control he

WASHINGTON
INVESTIGATIVE
SOURCES AND METHODS INVOLVED

experiences as he interacts with others. Further work will include scoring previous questionnaires to correlate them with personality types and factor scores.

This technique offers us the opportunity to determine the relationship between the social personality assessment by interview and observation with an assessment by the subject himself and with other testing procedures.

The following method and organization of study of the social personality assessment is proposed:

(1) There is data available on one hundred and twenty-five subjects which can be classified on social personality attributes. So far only forty-three subjects have been classified. It is proposed that this year the complete data will be classified. This will extend the number of subjects in each category to a point where our results will be more statistically reliable.

(2) New subjects will be studied to the extent necessary to increase our sample in any categories to a statistically treatable number. It is impossible to state the number of additional subjects that are necessary.

(3) In the elated personality type a sizeable number of subjects are represented. So far no significant predictive trend has been established for this type. By factor analysis of the various attributes, it is expected that this elated category may be subdivided into component categories which will be statistically reliable for predictive as well as diagnostic purposes. More subjects of this type will be tested in our conventional manner if it is necessary.

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[Signature]

(4) A reliable scoring method has been established for the Direction-Control Questionnaire (See Social Personality Assessment). Seventy-five L. S. D. subjects have been administered this questionnaire. The scoring and analysis will be carried out this year. This would be expected to lead to more critical evaluation of the social personality types. The two methods of assessment of personality, the social interview, which is more informal and personal in its administration, and the Direction-Control Questionnaire, which covers the same general area by using an established series of questions will be compared. This comparison of these two instruments should show which areas of interview are of most value as well as offering a standardized measuring device, namely, the Direction-Control Questionnaire. Additional studies of college students will be carried on in the application of these instruments.

A
A
A
B. Theory on the Wechsler-Bellevue Psychometric

The general theory of [REDACTED] personality types has proved fruitful as witnessed by [REDACTED] in our last semi-annual report which dealt with polar classifications based on acquaintance with the subjects. The theory being attached to one of the most reliable psychological instruments (Wechsler-Bellevue) makes possible the attainment of relationships to social and projective measures of personality. A In addition, [REDACTED] attaching of hypothesis to each mode of learning (subtests) may reveal which adjustment patterns indicated by other instruments are stable or in the process of change. Moreover, the scatter pattern, depicting the subject's preferential modes of learning should prove useful in

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COGNITIVE INTELLIGENCE
SOURCES AND METHODS INVOLVED

distinguishing personality types displaying similar behavior patterns, but varying dynamic structures.

We have already acquired forty Wechsler-Bellevues on subjects prior to their taking L.S.D. Analysis of scatter and correlation with other measures would be needed to indicate how many cases would be required to render reliable the dynamics underlying scatter patterns. Selected individuals would be tested to provide us with adequate sample for each theoretical quadrant and assure us of proper statistical manipulation.

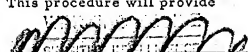
C. Psychological Projective Tests

The Thematic Apperception, Rorschach Ink-blot and Draw-a-Person Tests are conventional clinical instruments. We have used them to assess overall personality style, perceptual organization and interpersonal attitudes, both with and without L.S.D. The content of the subject's personality problems is also indicated.

The average results of twenty-nine subjects as a group have been analyzed for each test separately and were reported in our last semi-annual report.

A substantial contribution would be made to assessment of personality dynamics if the performance of each subject separately on the three projective tests were analyzed. Twenty-four subjects have taken these tests who had our standard dose of L.S.D. It is planned to correlate the subjects' responses on the three tests to identify discrete psychological types.

These same twenty-four subjects have been classified into types arrived at by the social personality assessment method so the psychological types will be compared with the social types. This procedure will provide



a comparative test and may suggest new dimensions or type refinements for the present social personality categories. A dimension of depth of inner personality structure will thus be added to the breadth of outer social patterns.

Minor Areas for Completion

It is proposed to continue some work in several areas nearing completion or growing out of the previous research.

H (1) The [REDACTED] mentioned as a method in the 1953-1954 Annual Report, has been given to twenty subjects.


It is the most direct scorable assessment of emotions per se which we use, warranting completion of scoring and analysis.

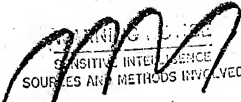
(2) The difficulty of L.S.D. subjects in expressing their thoughts and feelings has been viewed as a phenomena of emotional blocking, intellectual deficit and interpersonal withdrawal. An educational psychologist, speech therapist, has become interested in studying L.S.D. speech difficulties. We have recorded interviews of subjects, pre and during L.S.D., which he will analyze to determine what, if any, aphasic conditions may be present under L.S.D. Changes will be investigated in pitch, rate, articulation or other functional distortions of speech such as are encountered in stutterers and other speech conditions.

(3) Material on the therapeutic and educational implications of L.S.D. for patients and non-patients remains to be completed. Final analysis of available data should not require very extensive work.

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SOURCE AND METHODS INVOLVED

(4) The original Occupational Therapy Laboratory Test had deficiencies in method, including its administration. We have made progress recently in devising a more appealing, spontaneous, but measurable situation which rests more on determining the interests of subjects and patients. It is called the "Interest Selector". The emphasis on interest developed from the analysis of results from the previous Occupational Therapy Test, which showed subjects could carry out self-initiated activities better than those requested or imposed by others. An initial manual with the rationale and procedure for the "Selector" has already been written.

 C


SENSITIVE INFORMATION
SOURCES AND METHODS INVOLVED

BUDGET

SALARIES

Technical \$3,300.

Professional

1 psychiatrist (part time) 4,000.

1 psychologist 4,000.

1 sociologist, one-half time 2,000.

1 social psychologist 3/4 time 4,000.

1 educational " 1/4 time 800.

Statistical consultation and analysis 500.

1 social scientist 1/4 time 1,000.

Experimental subjects 200.

EXPENDABLE SUPPLIES

Record and photography 400.

Office supplies 500.

Reprints 300.

TOTAL \$21,000.

WARNING: THIS
DOCUMENT CONTAINS
SENSITIVE INFORMATION
SOURCES AND METHODS INVOLVED

SUBPROJECT 10

COMPLETED

(Work extended under Subproject 10A)

MEMORANDUM OF AGREEMENT


The purpose of this Memorandum of Agreement is to set forth the mutual administrative responsibilities of the principal research investigator and the sponsor. Therefore, it is mutually agreed that,

A. The principal investigator shall submit to the sponsor, at six month intervals, an informal statement of expenditures of monies advanced for research activities. It is requested that the statement be submitted in essentially the following form:

Personal Compensation
(Salaries, Subject Fees)
Equipment
Supplies and Services
Contingencies
Overhead

B. It is understood that any travel expenses incurred in the furtherance of the research program will be accounted to the Hospital in a manner consistent with its established practices and policies.

C. The principal investigator shall submit to the sponsor semi-annual reports on the technical progress of the research covered by these funds.

 C
Date: September 20, 1955

28 July 1955

MEMORANDUM FOR: THE RECORD

SUBJECT: ADDENDUM TO SUBPROJECTS 8 and 10

1. The purpose of this addendum is to set forth the mutual administrative responsibilities of the contractor and sponsor.

C
B 2. The above subprojects represent the research program of ~~██████████~~ located at the ~~██████████~~ ~~██████████~~ covering the period of 9 June 1953 through 15 September 1955. B

B
B 3. ~~██████████~~ has requested the ~~██████████~~ to submit to them a summary accounting of monies received from ~~██████████~~. Also, they requested the return of any unexpended funds received under a grant from ~~██████████~~. B

4. Title to any permanent equipment purchased by funds granted the Hospital shall be retained by the Hospital in lieu of higher overhead rates.

B 5. It was mutually agreed that documentation and accounting for travel expenses which are reimbursable by the ~~██████████~~ shall conform with the accepted practices of that institution. B

6. It was agreed that technical reports reflecting the progress of the research program shall be submitted at mutually acceptable intervals.

SIDNEY GOTTLIEB

Chief

TSS/Chemical Division

APPROVED:

Original signed by ~~██████████~~ A

~~██████████~~, Chief, TSS
A

Distribution:

Orig. & 2 - TSS/CD

MM

This is to certify that I have this day received
Cashier's Check No. G 20166 from the [REDACTED] E
for \$1,096.00 and Treasurer's Check No. FE 2872
from the [REDACTED] B
\$27,400.00, both dated 13 October 1954, to the order of [REDACTED]

[REDACTED] C
Date: Oct-Nov 27, 1954

SUB 10
INVOICE # 10

MEMORANDUM RECEIPT

OCT 25 1954

DATE

TO:

FROM:

SUBJECT:

*Invoice #2
Subscribed 10*

I hereby acknowledge receipt of the following:

*4 * FE 2872 - 57410.00**ck * C 20166 - 1096.00*

Please Return _____ signed copy(ies) of this receipt

To

FORM NO. 36-66
MAR 1949

SIGNATURE OF RECIPIENT

GIVEN IN FULL

12 October 1954

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA: TSS/Budget Officer

SUBJECT: Subproject 10, Project MXULTRA
Invoice No. 2, Allotment 4-2502-10-001

1. Invoice No. 2 for Subproject 10 of Project MXULTRA is attached. This invoice is the final one to be submitted under Subproject 10 and when paid, constitutes complete payment of this project. It is requested that payment be made by two cashier's checks for \$27,400.00 and \$1,096.00 made out to [REDACTED] B
The checks should be sent to Chief, TSS/CD through TSS/Budget Officer.

2. The two invoices covering this Subproject aggregate \$28,744.00 and represent the total expenditure to be made under this Subproject. It is requested, therefore, that the files on this Subproject be closed.

SIDNEY GOTTLIEB
Chief
Chemical Division, TSS

Attachment:
Invoice No. 2
Certifications

Distribution:
Orig. & 2 - Addressee

- 1 - TSS/FASB ✓
- 1 - TSS/CD
- 1 - Comptroller

I CERTIFY THAT FUNDS ARE AVAILABLE

OBLIGATION REFERENCE NO. 00121

CHECK NO. 4-2502-10-01

CHARGE TO ALLOTMENT OCT 13 ENTU

AUTHORIZING OFFICER

E [REDACTED] A [REDACTED] E
CHECK # 4-2502-10-01 IN THE AMOUNT OF \$28,744.00
RECEIVED. OCT 25 1954
CHECK # 4-2502-10-01 IN THE AMOUNT OF \$1,096.00
RECEIVED. OCT 25 1954
A [REDACTED]

CERTIFICATIONS

(1) It is hereby certified that this is Invoice No. 2 applying to Subproject 10 of Project MAULERA, that technical performance by ~~_____~~ was satisfactory, that the work has been accomplished in accordance with the mutual agreement reached with ~~_____~~ B
B ~~_____~~ that this bill is just and correct and that payment thereof has not yet been made.

Date: _____

SIDNEY GOTTLES
Chief, TSO/CS

(2) It is hereby certified that this invoice applies to Subproject 10 under Project MAULERA which was duly approved and that the project was carried out in accordance with the DD/P memorandum to DCI dated 3 April 1953, the DCI memorandum to DD/A dated 13 April 1953, and the DCI memorandum to the DD/A dated 19 June 1953.

OCT 13 1954

Date: _____

Special Agent in Charge
~~_____~~
Resident Director A

MEMORANDUM RECEIPT

July 9, 1954
DATE

TO:

FROM:

SUBJECT:

BAB-10

E

I hereby acknowledge receipt of the following:

M141669

\$13,700.00

CHECK# _____ IN THE AMOUNT OF \$-
RECEIVED _____

E

C

M141670

CHECK# _____ IN THE AMOUNT OF \$548.00
RECEIVED _____

June 30, 1954

C

Please return _____ signed copy(ies) of this receipt

SIGNATURE OF RECIPIENT

To
FORM NO. 36-66
MAR 1949

DATE RECEIVED

INVOICE

October 12, 1954

For Services

..... \$28,496.00

C

sub 10

The composition of the letter which accompanies the funds is best left to your discretion. However, it is our desire that all of the following points be incorporated in the body of the letter.

1. The amount of contribution to [REDACTED] B
2. That the money is to support medical research.
3. The money will be spent at the direction and discretion of [REDACTED] B
4. The amount, and an explanation of the smaller check in terms of an agreed surcharge by [REDACTED] B

B [REDACTED]

Letter to be
by agent - X

[REDACTED]

C

MEMORANDUM RECEIPT

JUN 30 1954

TO:

FROM:

SUBJECT:

DATE

*File Invoice #1
Subject 10*

I hereby acknowledge receipt of the following:

4/1/68
CHECK # *1370.00* IN THE AMOUNT OF \$ *242.00*
RECEIVED.

Please return _____ signed copy(ies) of this receipt

SIGNATURE OF RECIPIENT

To _____
FORM NO. 36-66
MAR 1949

DATE RECEIVED

23 June 1954

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Officer

SUBJECT : Subproject 10, Project MKULTRA,
Invoice # 1, Allotment 4-2503-10-001

Invoice # 1 for Subproject 10 of Project MKULTRA is attached.

Other invoices will follow later. It is requested that payment be made by two cashiers' checks made out to [REDACTED] B

B [REDACTED] for the sums of \$13,700.00 and \$548.00.

The checks should be sent to Chief, TSS/CD through TSS/Budget Officer by 30 June 1954.

SIDNEY GOTTLIEB

Chief

Chemical Division, TSS

Attachments:

Invoice # 1 - Subproject 10
Certifications

TSS/CD: [REDACTED] A

Distributions:

Addressee - Orig. & 2 w/attachments

Controller - 1

→ TSS/FAIB - 1

TSS/CD - 2

I CERTIFY THAT FUNDS ARE AVAILABLE.

OBLIGATION REFERENCE NO. 001220

CHARGE TO ALLOTMENT NO. 342503-10-001

444670
CHECK # 11119 IN THE AMOUNT OF \$13,700.00
RECEIVED. JUN 30 1954

JUN 25 1954

AUTHORIZING OFFICER

CERTIFICATIONS

(1) "It is hereby certified that this is Invoice No. 1 applying to subproject 10 of Project WOLFE, that technical performance by [REDACTED] is satisfactory, that the work is being accomplished in accordance with the mutual agreement reached with [REDACTED] that this bill is just and correct and that payment thereof has not yet been made."

Date: _____

SIDNEY GOTTLIEB
Chief, TSS/CD

(2) "It is hereby certified that this invoice applies to subproject 10 under project WOLFE which was duly approved and that the project is being carried out in accordance with the DD/P memorandum to DCI dated 3 April 1953, the DCI memorandum to DD/A dated 13 April 1953, and the DCI memorandum to the DD/A dated 19 June 1953."

Date: _____

JOHN A. SULLIVAN
[REDACTED]
Research Director

Invoice

June 23, 1954

For Services

...\$14,248.00



26 May 1954

MEMORANDUM FOR: COMPTROLLER

ATTENTION: Finance Division

SUBJECT: Project MKULTRA, Subproject 10

Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the DD/A and the further authority granted in the memorandum dated 17 April 1953 from the DD/A to the Comptroller on the subject, "DD/P-TSS Project MKULTRA," subproject 10 has been extended to 15 September 1955, and an additional \$10,744.00 of the over-all Project MKULTRA funds have been obligated to cover the subproject's expenses.

SIDNEY GOTTLIEB
Chief
Chemical Division, TSS

APPROVED FOR OBLIGATION
OF FUNDS:

Research Director

Date:

Distributions:

- Orig. & 2 - Addressee
1 - Exec. Sec'y., Res. Pl.
1 - TSS/FASB
1 - TSS/GRB
1 - TSS/CD
1 - Chrono

I CERTIFY THAT FUNDS ARE AVAILABLE:

OBLIGATION REFERENCE:

CHARGE TO ALLOTMENT NO.

AUTHORIZING OFFICER

DRAFT
26 May 1954

MEMORANDUM FOR THE RECORD

SUBJECT: Project MKULTRA, Subproject 10

1. Subproject 10 is being set up as a means to continue the present work in the general field of L.S.D. at the [redacted] from 15 June 1954 until 15 September 1955.

2. This project will include a continuation of a study of the biochemical, neurophysiological, sociological, and clinical psychiatric aspects of L.S.D., and also a study of L.S.D. antagonists and drugs related to L.S.D., such as L.A.E. A detailed proposal is attached. The principle investigators will continue to be [redacted] and [redacted] all of [redacted]

3. Original Subproject 10 for the sum of \$32,000.00 was initiated for the production of certain rare organic chemicals. The committed money was never actually spent. It is the proposal of TSS/CD to add an additional \$10,744.00 to the original sum of Subproject 10 making a total of \$42,744.00 to underwrite the present proposal which is attached. [redacted] will serve as a cut-out and cover for this project and will furnish the above funds to the [redacted] as a philanthropic grant for medical research. A service charge of \$1,644.00 (4% of the estimated cost) is to be paid to [redacted] for this service.

4. Thus the total charges for this project will not exceed \$42,744.00 for the period ending 15 September 1955.


5. [redacted] and [redacted] are cleared through TOP SECRET and are aware of the true purpose of the project.

Now added by authority of 187475
date JUN 3 1954

SIDNEY GOTTLIEB
Chief
Chemical Division, TSS

-2-

APPROVED FOR OBLIGATION
OF FUNDS:

 A
Research Director

Date: May 26, 1984

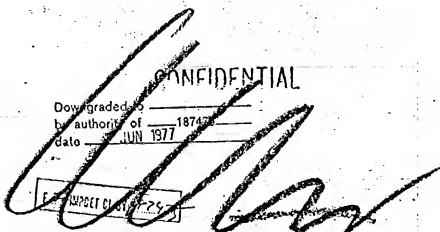
Attachment:
Proposal

Original Only

Project MKULTRA, Subproject 10 - Increase in funds of \$10,744.00

CONFIDENTIAL

Downgraded by _____
by authority of _____ 18742
date JUN 1977


SUBJECT CLASSIFIED

Security Information

DRAFT-
12 June 1953

MEMORANDUM FOR THE RECORD

SUBJECT: Project MKULTRA, Subproject 10

1. The purpose of subproject 10 is to obtain a supply of [redacted] and such other rare drugs as may be required from time to time for experimental and operational uses during the coming year.

B C 2. [redacted] has obtained the attached proposal from the [redacted] for the production of a quantity of the above [redacted]. This proposal cannot be more definite as to quantity, price, or date of delivery because of the uncertainty involved in obtaining the raw materials and working facilities.

C 3. [redacted] has agreed to act as agent cut-out and cover in negotiating a contract under his name for this subproject. It should be pointed out that [redacted] has for many years been active in the field of research in which this material is normally used and thus can present a legitimate reason for obtaining it.

4. The total cost of this project for a period of one year beginning 1 July 1953 will not exceed \$32,000.00.

C 5. [redacted] has been cleared through TOP SECRET and is fully capable of applying the security precautions necessary to protect Agency interest in this matter.

[redacted] A
Chemical Division, TSS

APPROVED:

[Signature]
Chief, Chemical Division, TSS

Attachment:

Downgraded to [redacted]
by authority of [redacted]
date [redacted] 157

E 28 JUN 53 BY 16-7475

Security Information

~~Security Information~~

Attachment:
Proposal

PROGRAM APPROVED
AND RECOMMENDED:

~~Research Chairman~~ A

Date: 6/7/53

APPROVED FOR OBLIGATION
OF FUNDS:

~~Research Director~~ A

Date: June 17-1953

Original Only.

Subproject 10, Project MKULTRA dated 12 June 1953.

~~CONFIDENTIAL~~

~~Dissemination
Authority
Site~~

-2-

~~Security Information~~

PROPOSAL FOR THE PRODUCTION OF CORYNANTHINE

B [REDACTED] proposes to prepare a quantity of [REDACTED] to order during the next year and estimates the total cost not to exceed \$32,000.00 for a batch run. The company cannot prepare small quantities of this material.

C This proposal was made by an official of the company to [REDACTED] and represents the [REDACTED] of this material. H

C [REDACTED] has also agreed to obtain such other drugs as fall into this same category and are not readily obtainable through the usual sources.

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SOURCES AND METHODS INVOLVED

~~CONFIDENTIAL~~
SECURITY INFORMATION

12 June 1953

MEMORANDUM FOR: CONTROLLER
ATTENTION: Finance Division
SUBJECT: Project MKULTRA, Subproject 10
C-114

Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the DD/A and the further authority granted in the memorandum dated 17 April 1953 from the DD/A to the Comptroller on the subject, "DD/P-TSS Project MKULTRA", subproject 10 has been approved, and \$32,000.00 of the over-all Project MKULTRA funds have been obligated to cover the sub-project's expenses.

SIDNEY GOTTLIEB
Chief
Chemical Division, TSS

PROGRAM APPROVED
AND RECOMMENDED:

APPROVED FOR OBLIGATION
OF FUNDS:

Original signed by ~~_____~~ A

Original signed by ~~_____~~ A

Research Chairman

Research Director

Date: _____

Date: _____

Distribution:

Addressee - Orig. & 2
Exec. Sec'y., Res. Board - 1
TSS/Direct - 1 ✓
TSS/Security - 1
TSS/CD - 2

~~CONFIDENTIAL~~
SECURITY INFORMATION

JUN 19 1953

INVOICE CHECK SHEET

16317A Subproject 10

Date of Original Authorization	Period Covered	Time Extended to	Allotment Number	Amount of Obligation
17 June 53	1 July 54	—	3-2502-10-001	32,000.00

Additional Authorizations	Period Covered	Time Extended to	Allotment Number	Amount of Obligation
26 May 54	15 Sept 55	—	4-2502-10-001	10,774.00
17 Aug 55	15 Sept 56	—	6-2502-10-001	21,840.00
9 Feb 56	—	—	6-2502-10-001	5,720.00
28 Apr 56	—	—	7-2502-10-001	5,720.00

Invoice No.	Date	Amount	Balance
1	6/23/54	14,248.00	28,496.00
2	10/12/54	28,496.00	0
3	1/31/55	7,250.00	14,560.00
4	7/1/56	20,280.00	0
	8/29/56	5,720.00	5,720.00
5	9/10/56	5,720.00	0

REMARKS: